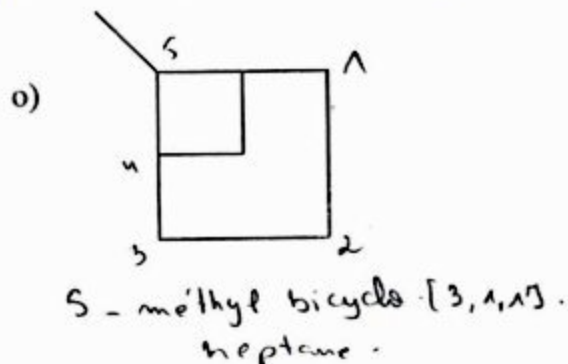
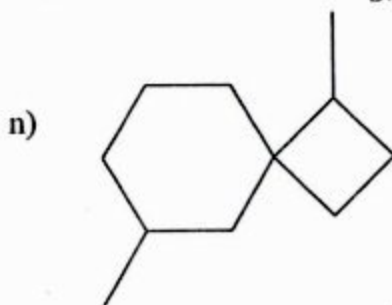
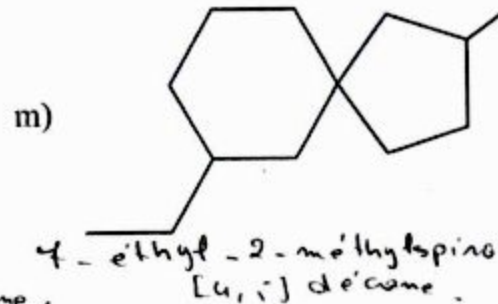
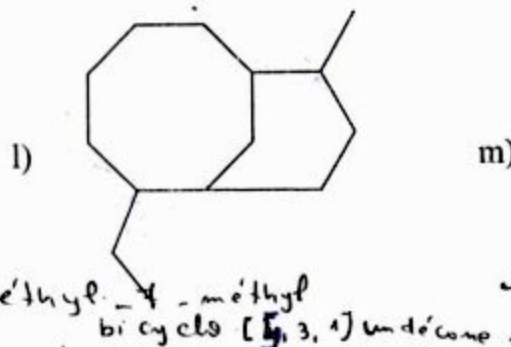
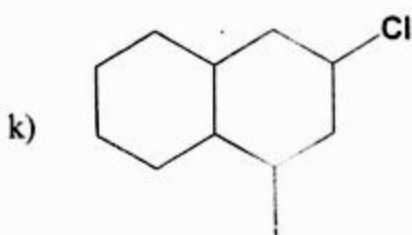
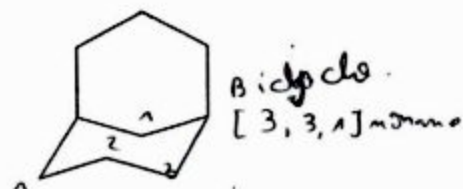
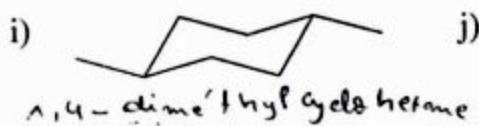
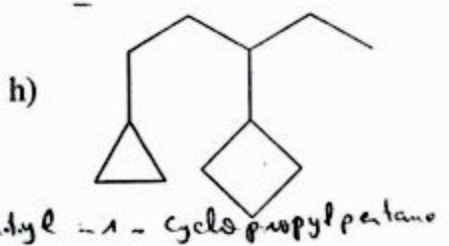
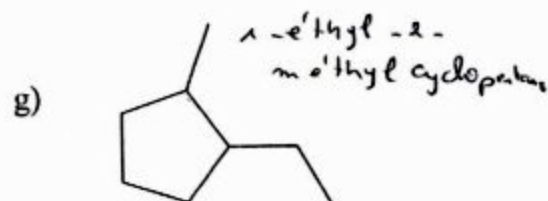
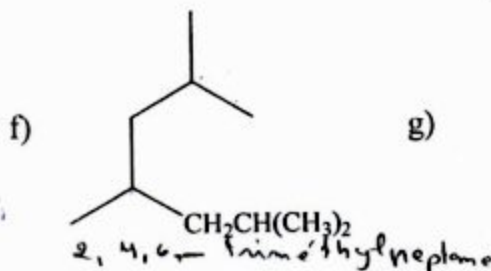
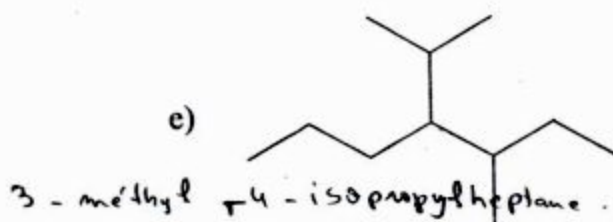
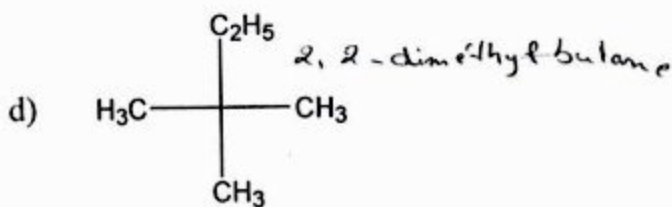
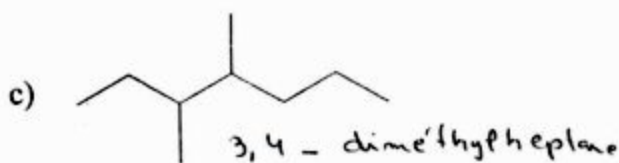
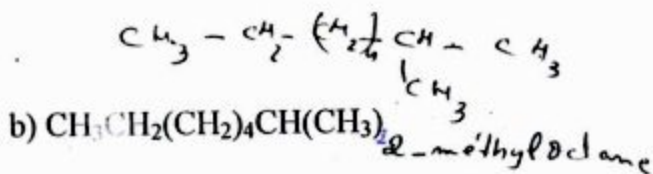
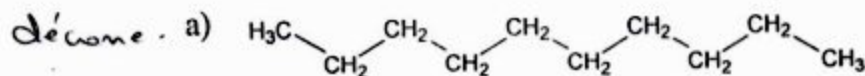


Chimie Organique

Série n°2

Exercice 1:

Nommer les composés suivants :



Exercice 2:

Ecrire les formules semi-développées des composés organiques suivants:

- 1) Méthylpropane.
- 2) 2-éthyl-2,3-diméthyl-octane.
- 3) 1,3-dichlorocyclobutane.
- 4) 1-bromo-2,4-dichlorocyclohexane.
- 5) 4-éthyl-2,2,4-triméthylheptane.

Exercice 3:

Donner les noms et les formules semi-développées de 5 des isomères de l'alcane de formule brute C_7H_{16} .

Exercice 4:

Donner les noms et les formules semi-développées des alcènes suivants :

- 1) C_2H_4
- 2) C_3H_6
- 3) C_4H_8 (Il y a quatre possibilités).

Exercice 5:

Ecrire la formule semi-développée des composés suivants :

- 1) But-1-ène
- 2) 2-méthylbut-1-ène
- 3) 3,4-diméthylpent-2-ène
- 4) 3-éthyl-2-méthylpent-2-ène
- 5) (E) pent-2-ène
- 6) (Z) 2,5-diméthylhex-3-ène

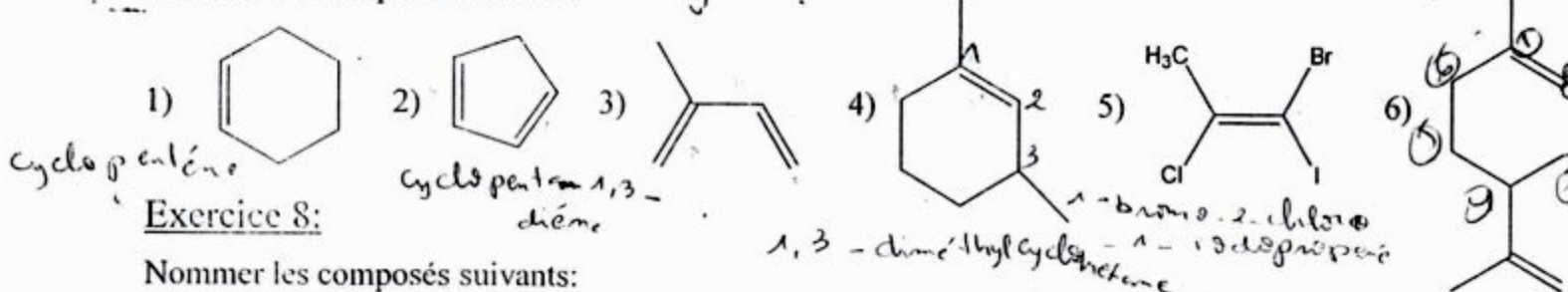
Exercice 6:

Ecrire les formules semi-développées de tous les isomères correspondant aux formules brutes suivantes :

- 1) C_3H_9N
- 2) C_3H_6O
- 3) C_3H_4

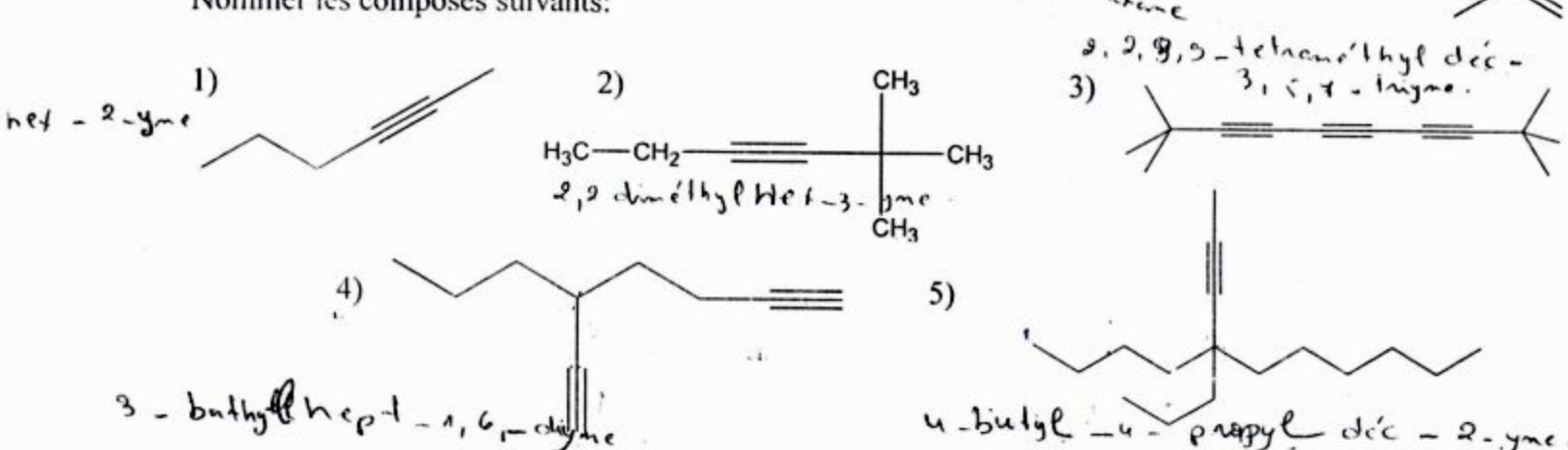
Exercice 7:

Nommer les composés suivants:



Exercice 8:

Nommer les composés suivants:

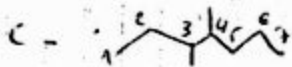


Série n = 2:

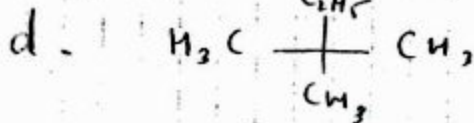
Exo A:

a - Décane

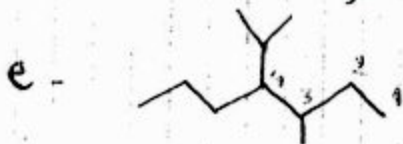
b - 2-méthyl octane.



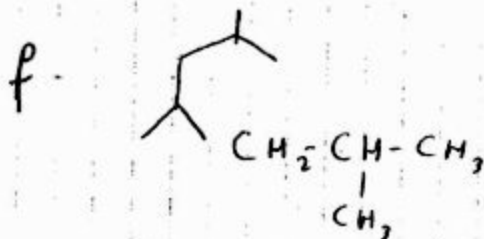
3, 4 - diméthyl heptane.



2, 2 - diméthyl butane.



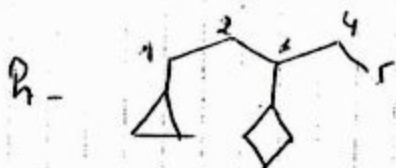
3 - diméthyl - 4 - isopropyl heptane.



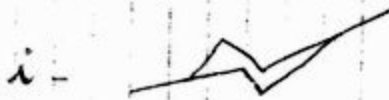
2, 4, 6 - triméthyl heptane.



1 - éthyl - 2 - méthyl cyclopentane.



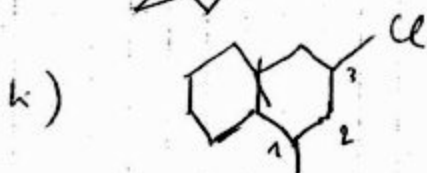
3 - cyclobutyl - 1 - cyclopropyl pentane.



1, 4 - diméthyl cyclohexane.

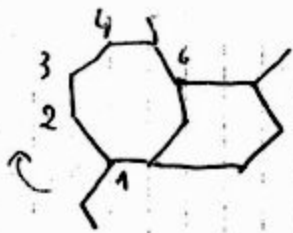


Bicyclo [3, 3, 1] nonane.



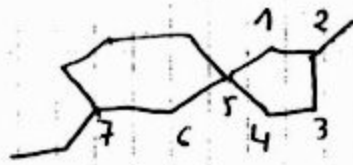
3 - chloro - 1 - méthyl bicyclo [4, 4, 0] décane.

f -



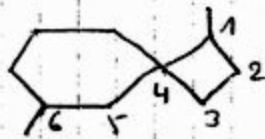
1-éthyl-7-méthylbicyclo [5,3,1]
un décané

m =
Spire



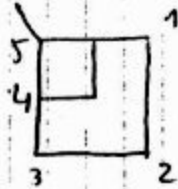
7-éthyl-2-méthylspiro [4,5]
décane.

n -



1,6-diméthylspiro [3,5] nonane.

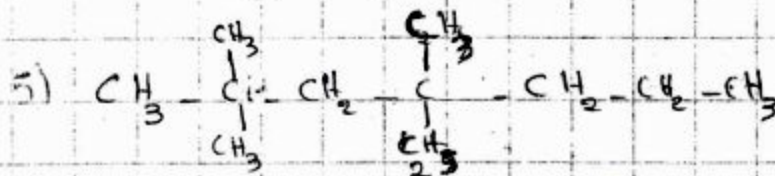
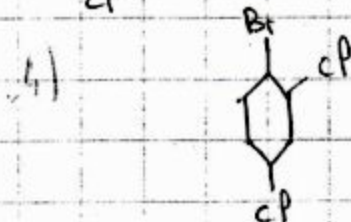
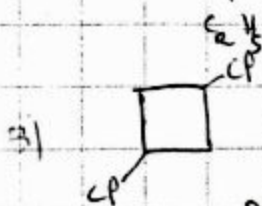
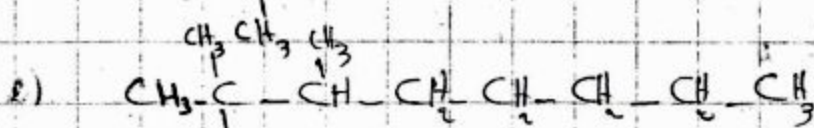
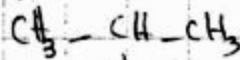
c -



5-méthylbicyclo [3,1,1] héptane.

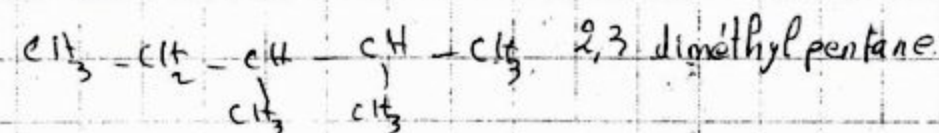
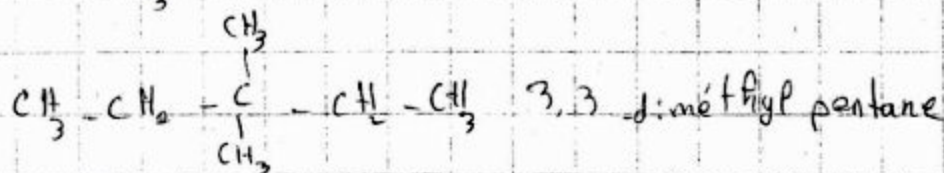
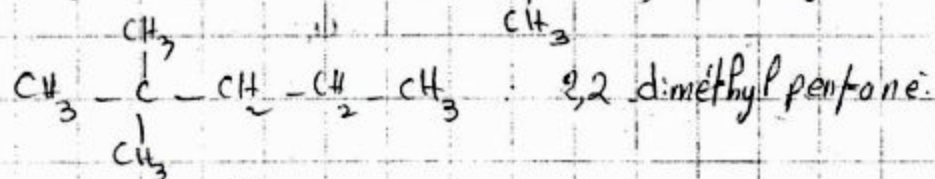
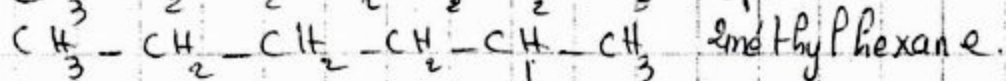
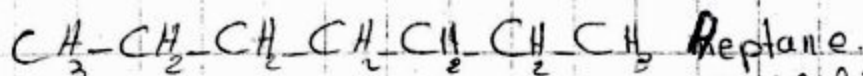
EX02

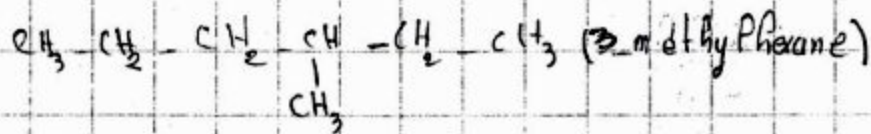
1) NAPHyP propane



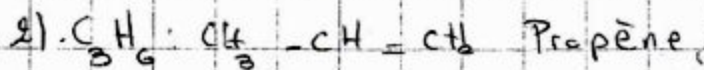
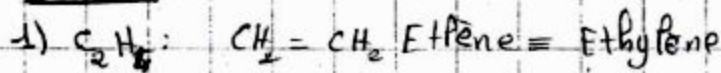
EX03:

$\text{C}_{7}\text{H}_{16}$

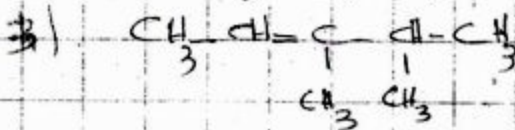
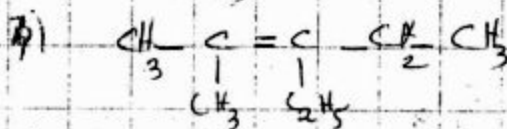
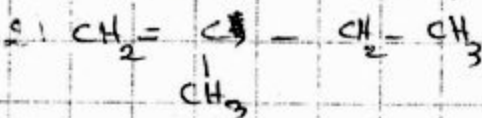
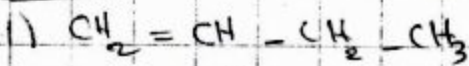




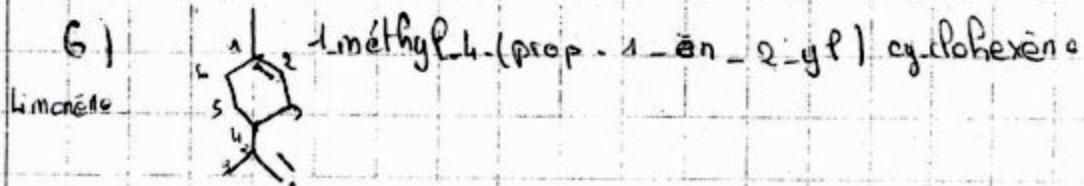
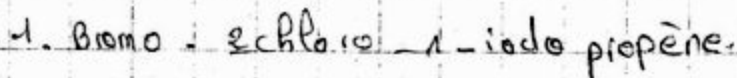
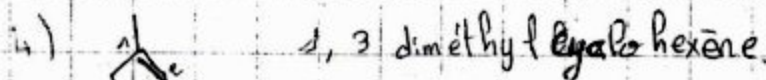
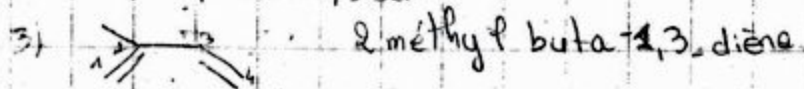
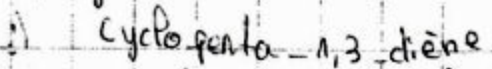
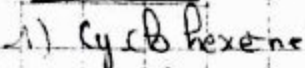
EX04



EX05



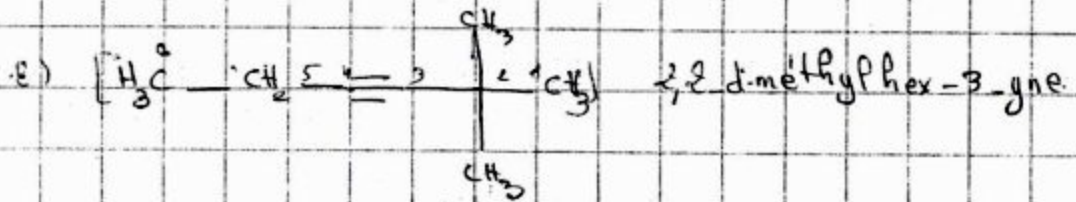
EX07



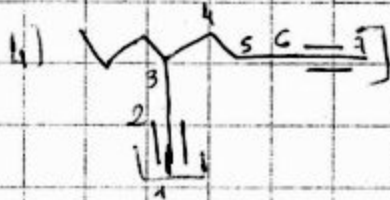
EXERCISES



Hex-2-yne



2,2-dimethylhex-3-yne



3-propylhept-1,6-diyne



4-butyl-4-propyldec-2-yne



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